

Title (en)

Method and system for determining quality of tubes

Title (de)

Verfahren und System zum Bestimmen der Rohrqualität

Title (fr)

Procédé et système pour déterminer la qualité des tubes

Publication

EP 2708845 A1 20140319 (EN)

Application

EP 13183800 A 20130910

Priority

- US 201261700788 P 20120913
- US 201261700750 P 20120913
- US 201313968874 A 20130816
- US 201313968887 A 20130816

Abstract (en)

Disclosed herein is a system having a first housing that includes an optically transparent substrate having a first side and a second side that is opposed to the first side, a camera disposed on the first side of the optically transparent substrate and a source of illumination. The source of illumination is disposed in a ring on the periphery of the first housing and located on the first side of the optically transparent substrate. The system further has a second housing having a circuit board that is operative to process the image captured by the camera, and a battery pack that is operative to supply electrical energy to the source of illumination and to power the circuit board.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X1] US 5793468 A 19980811 - SHALON TADMOR [US], et al
- [X1] DE 102007052033 A1 20090507 - ROSENBERGER AG [DE]
- [I] CA 2779873 A1 20110623 - SUMITOMO METAL IND [JP]
- [A] EP 1707918 A1 20061004 - MITUTOYO CORP [JP]
- [A] US 2011279828 A1 20111117 - MATSUMOTO HIROTOSHI [JP], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 13183773 A 20130910; EP 13183800 A 20130910; PL 13183773 T 20130910; PL 13183800 T 20130910